

BIG MAN ON CAMPUS

Challenge

As a Fortune 500 company, Eli Lilly is faced with the daily task of managing millions of assets, as well as planning for the future. That future includes nearly one billion dollars worth of combined corporate and municipal infrastructure improvements over several campuses.

Action

To manage and maintain these assets, Lilly looked to an internal GIS. It needed to incorporate digital construction documents and surveys, and be capable of supporting 3D modeling and other map data.

The initial project entailed building a GIS with a combination of aerial photography and ground survey information on two campuses in Indianapolis. The system provided for as-built documentation, automated mapping of facility systems, and generation of exhibits overlaying historical and environmental data. The system also included full documentation with a detailed user guide.

Results

The project has developed to serve multi-million dollar projects at the Lilly Corporate Center, the Lilly Technology Center, the Lilly Materials Center, the Airport Hanger, and Park Fletcher in Indianapolis and the Greenfield Labs. The GIS is on-going, and in its sixteenth year. It has come to play an essential role in coordinating hundreds of design projects among consultants across the nation as well as City, State and federal governments. This fully functional GIS provides:

- Utility and asset management
- Infrastructure protection
- Construction layout and design
- Land title surveys and permit approval
- Informed decision making
- Successful tracking of \$1.5 billion in city and private infrastructure improvements

